EXHIBIT L

Datasheet for BIG-IP® Virtual Edition



DATASHEET



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Software-based application delivery services are critical to maintaining the adaptable and secure application infrastructure demanded by enterprises undergoing digital transformation. F5 accelerates your transition to the cloud and software-defined architectures with virtual application delivery platforms that provide an agile, flexible, and efficient way to deploy advanced application and security services.

Many enterprises have or are planning to deploy applications across multiple cloud environments—both public and private—making it more difficult to implement advanced, consistent and compliant application services for every app in their portfolio. Furthermore, they are expanding beyond traditional monolithic applications and deploying more modern, dynamic application architectures including containers and microservices that have unique requirements.

Standardizing on F5 app services accelerates migration to, and between clouds, while providing consistent and advanced services for both monolithic and modern applications running in those environments—helping you more easily support and manage your growing multi-cloud application portfolio.

F5® BIG-IP® virtual editions (VEs) are the industry's most scalable virtual application delivery controllers (vADCs)—facilitating high-performance application traffic processing across all leading hypervisors and cloud platforms—easing your transition from hardware to software. VE's deliver all the same market-leading application delivery services—including advanced traffic management, application security, application acceleration, DNS, network firewalling and secure access management—that run on F5 purpose-built hardware. This similarity enables service configurations and policies from existing F5 appliances to be reused and replicated on VE's, simplifying cloud migrations. VE's can easily be provisioned and configured automatically by network operators and developers alike, allowing them to be integrated within existing CI/CD pipelines and ensuring all applications are deployed with the necessary security, compliance and traffic management capabilities. When used in conjunction with F5 BIG-IQ® Centralized Management, you can rapidly create, provision, and manage application services anywhere while gaining visibility into the health and performance of your multi-cloud apps, all from a centralized point of control.

AVAILABLE BIG-IP MODULES:

- BIG-IP Local Traffic Manager (LTM)
- · BIG-IP DNS
- BIG-IP Advanced Firewall Manager (AFM)
- BIG-IP Access Policy Manager (APM)
- Advanced WAF
- · SSL Orchestrator
- BIG-IP Carrier Grade NAT (CGNAT)
- BIG-IP Policy Enforcement Manager (PEM)

KEY BENEFITS

Increase multi-cloud agility

Quickly and easily spin up, spin down, or migrate application delivery services across the data center and public cloud, using instant deployment options as needed.

Accelerate deployments with automation

Automate app services insertion with F5's Automation Toolchain. It enables declarative provisioning and configuration of BIG-IP VE across cloud environments and integration with automation and CI/CD tools including Ansible, Jenkins, and Terraform.

Optimize application and security services

Implement robust security and traffic management services to keep your apps available, protected and compliant—regardless of deployment location.

Use modern application architectures

Native integration with container orchestration environments lets you implement advanced app services that are as dynamic as your containers.

Support high-performance requirements in the cloud

Make the transition from hardware to software without the typical performance degradation issues.

Gain ultimate deployment and consumption flexibility

Deploy BIG-IP VE across the broadest array of supported hypervisor and cloud platforms with the freedom to consume through perpetual, utility, subscription, or enterprise licensing agreement (ELA).

PRIMARY CLOUD SCENARIOS

BIG-IP virtual editions (VEs) can be used to deliver a consistent set of advanced application services in the four primary cloud scenarios described below: private cloud/software-defined data center (SDDC), public cloud, multi/hybrid cloud, and colocation with cloud interconnect.

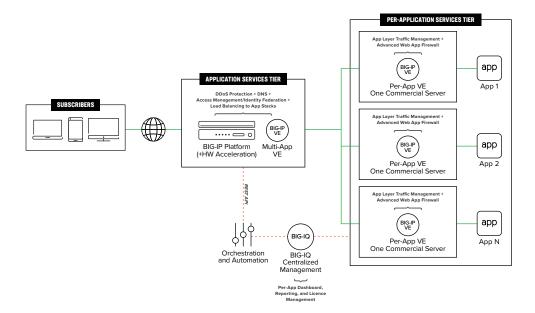
PRIVATE CLOUD USING SOFTWARE-DEFINED ARCHITECTURES

Enterprises are migrating to private cloud/SDDCs to achieve agility, application time to market, and to provide control to application owners and developers via a self-service portal or catalog. A private cloud or SDDC using F5 application services is ideal for speeding application deployments, enabling dynamic changes in the data center, and matching infrastructure services to workloads using a per-app model. F5 products and solutions integrate with the leading private cloud technology platforms, including OpenStack, VMware, Cisco, and Microsoft Azure Stack. F5 provides cloud solution templates and supports open source tools like Heat, Ansible, and open-vm-tools to orchestrate and automate the deployment of app delivery and security services.

Flexibility and high performance in a two-tier hybrid architecture

Some enterprises are moving to a two-tier architecture as part of their SDDC transformation. At the edge of the network is the application tier that provides front-door services including L4 traffic management, DDoS firewall, or SSL offload—for all traffic entering the network, based on overall business and security policies. Services that deal with high-volume traffic require the highest performance and scalability, a case where dedicated, purpose-built hardware can be more cost-efficient than commodity servers. The per-app tier manages the application stack inside the data center, which leverages highly scalable, flexible software to deliver advanced application and security services on a per-application basis. This two-tier hybrid data center model (see Figure 1) offers the best of both worlds: hardware where it's needed and software agility close to the app.

Figure 1: Two-tier architecture with F5 hardware or shared multi-app VE at the edge and per-app VEs.



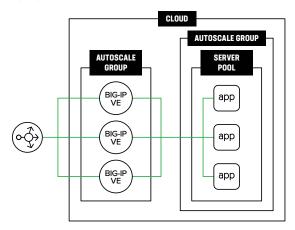
DEPLOY APPLICATIONS IN AND ACROSS PUBLIC CLOUD ENVIRONMENTS

Deploying applications in the leading public clouds gives you the flexibility and scalability you want, without the investment and capital costs associated with building out additional private data centers. Using F5 application and security services delivered by BIG-IP VEs provides the following benefits:

- Repeatable architectures across cloud environments—as you expand and adopt new
 clouds, reuse the same secure, validated, and compliant architecture to accelerate multicloud adoption and simplify operations.
- Reduced tool sprawl and operational complexity—standardizing on familiar services that
 are cloud-agnostic makes deploying and maintaining apps across cloud environments
 quicker and easier.

- Consistent levels of availability, performance, and security—provide your customers with an excellent user experience while protecting both your revenue and reputation.
- Faster time to market—rapidly provision advanced application services when launching new applications or migrating existing applications to the public cloud.
- Deep integration with public cloud providers—dynamically scale out app services through
 integration with AWS Auto Scaling, or easily apply advanced application security with an out-ofthe-box, pre-configured web application firewall (WAF) solution in the Azure Security Center.
- Flexible licensing models— consume with a licensing model supportive of your business
 requirements, whether that's as a subscription, enterprise licensing agreement (ELA), payas-you-go, or on a perpetual-basis.

Figure 2: BIG-IP VE's deployed within an autoscaling architecture—either within or across availability zones—to ensure that your apps are available and secure while optimizing costs as your apps scale to match demand.



APPLICATION PORTABILITY ACROSS HYBRID AND MULTI-CLOUD ENVIRONMENTS

Despite the many benefits of public cloud deployments, enterprises often avoid moving all applications or data to the public cloud due to perceived loss of control, risk, regulatory compliance, and lack of support for legacy application design. As a result, many elect to operate within a hybrid cloud or hybrid multi-cloud model whereby part of their operations run in the public cloud(s) while components unable to move to the cloud or that require advanced security and compliance monitoring remain on-premises. In some scenarios, applications operate across environments to increase redundancy or to allow greater scale-out capacity when needed. F5 increases the portability of these apps while reducing management overhead by providing a set of standardized application services that can be reused wherever an app is currently running, or wherever it's redeployed to. In Figure 3, internet-facing front-end applications are deployed in the public cloud while mission-critical workloads with greater security and compliance requirements run on-premises. A direct connection links the two environments to reduce latency.

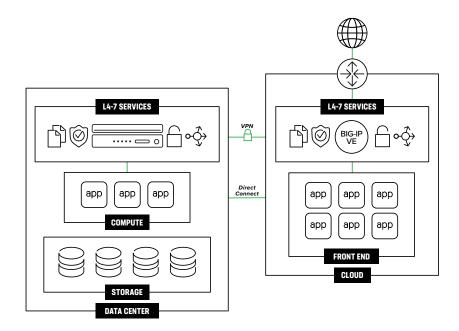


Figure 3: Hybrid cloud deployment with BIG-IP Virtual Editions supporting apps across public cloud and data center.

COLOCATION DEPLOYMENTS WITH DIRECT CONNECT TO PUBLIC CLOUD

Many enterprises operate their application portfolio in a hybrid cloud model similar to that shown in Figure 3. But, for some, there may be an associated latency increase caused by large distances between their data center and cloud edge locations. For these organizations, the best option is to deploy on-premises apps within a colocation facility and use direct connections to connect both ends of their hybrid architecture. F5 BIG-IP VE can also be deployed in these colocation facilities and used to provide application service insertion for both apps deployed in the colocation and those running in the public cloud. As a result, consistent app services can be implemented for apps running in different cloud environments.

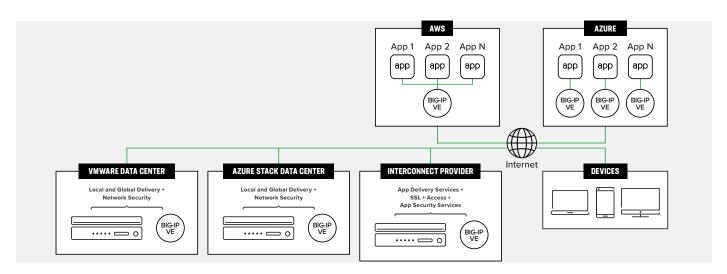


Figure 4: Consistent application services across public cloud, private cloud, data center, and colocation facilities.

INTEGRATION WITH SDN FRAMEWORKS

Software-defined networking (SDN) achieves agility, flexibility, and cost-efficiency in terms of overcoming the complexity of networking infrastructure in data centers today. SDN seeks to operationalize the network through virtualization and abstraction, similar to what has occurred for servers and storage. However, while SDN has focused on stateless L2–3 connectivity, there remains the need for stateful and flow-aware L4–7 services. Through its Technology Alliance partnerships, F5 is completing the SDN vision by integrating its intelligent app delivery services with leading SDN architectures (VMware NSX, Cisco ACI) via BIG-IP plug-ins and REST APIs. In addition, BIG-IP platforms can serve as SDN gateways, bridging virtualized networks and traditional network architectures to provide a smooth transition and investment protection.

ACHIEVE HARDWARE-COMPARABLE PERFORMANCE WITH SOFTWARE

A significant inhibitor of cloud adoption among large enterprises and especially service providers, is the reduction in performance typically associated with a transition from hardware to software. This means that, for many, the promise of increased deployment agility and scalability the cloud offers may not be worth sacrificing low latency, highly responsive user experiences their data center delivers.

The BIG-IP Virtual Edition is the most scalable, high performing virtual ADC available, capable of supporting 100Gbps NICs within a single instance, meaning you don't have to choose between agility and high performance—you can have both. Below are a few examples of how BIG-IP Virtual Edition has been augmented to provide even greater performance.

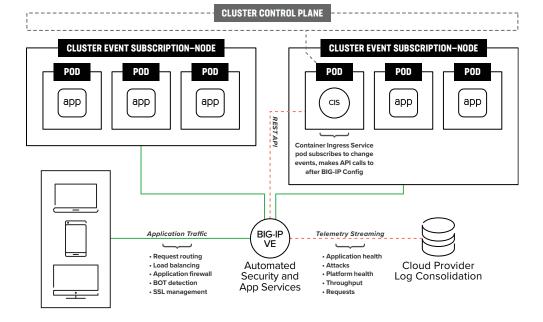
- High Performance VEs—these VE instances aren't limited by a throughput cap, but are
 instead licensed by the number of vCPU cores that can be allocated. That lets you optimize
 the underlying host hardware and achieve 85Gbps+ of L4 throughput.
- SR-IOV and Advanced Network Interface Card (NIC) support—BIG-IP VE's driver is
 optimized to interact directly with underlying NIC's using Single Root I/O Virtualization (SR-IOV), significantly improving throughput performance and reducing latency. SR-IOV can be
 enabled in AWS using AWS ENA, in Azure with Azure Accelerated Networking, and in private
 cloud environments with select Intel, Mellanox, Broadcom, and Emulex NIC's.
- Accelerated cryptographic and compression processing—the BIG-IP VE can offload compute-intensive cryptographic functions and compression using Intel's Quick Assist Technology, freeing up CPU cycles to focus on other important application tasks.

DYNAMIC APP SERVICES FOR CONTAINER ENVIRONMENTS

Organizations are rapidly adopting containerized environments to develop more agile and portable applications, typically using management and orchestration frameworks to coordinate the provisioning and automation of these workloads. But these apps still need services like SSL offload, routing, and web application protection

F5 Container Ingress Services (CIS) is a container integration solution that helps developers and system's teams manage front-door ingress control and advanced application delivery and security services for container and Platform as a Service (PaaS) deployments. CIS integrate BIG-IP VE with native container environments and orchestration systems, including Kubernetes and RedHat OpenShift. That integration enablers dynamic Ingress HTTP routing, load balancing, and security for containers as they're spun up.

Figure 5: BIG-IP VE providing front-door app services to containers using F5 Container Ingress Services.



AUTOMATION, ORCHESTRATION, AND PROGRAMMABILITY

F5 offers many ways to program the application services fabric and network, enabling organizations to react in real time to operational and business events, automate deployment and configuration, and easily integrate into home-grown or third-party orchestration systems.

- **F5 Automation Toolchain** Provides a set of open-source automation tools that make it faster and easier to deploy and configure BIG-IP VE via simple, yet powerful declarative interfaces—all of which can be consumed as part of a complete CI/CD pipeline. It includes:
 - Declarative onboarding for L1-3 provisioning
 - Application services extension 3 (AS3) for L4-7 configuration
 - Telemetry streaming for aggregating, normalizing, and forwarding app stats and events to third-party analytics tools
- F5 Cloud Solution Templates Enable automatic deployment and bootstrapping of BIG-IP
 VEs across all leading public and private cloud environments and across a diverse range of
 architectural topologies, including HA and autoscaling.

- F5 Cloud Failover Extension (CFE) An iControl LX extension that provides L3 failover functionality in cloud environments, effectively replacing Gratuitous ARP (GARP).
- F5 iRules Scripting that provides granular traffic control and visibility, enabling
 customization, rapid response to errors in application code and security vulnerabilities,
 and support for new protocols.

Visit F5's GitHub repository for additional information on the F5 Automation Toolchain, Cloud Solution Templates, and other open-source extensions and integrations.

CENTRALIZED MANAGEMENT OF BIG-IP VE

F5® BIG-IQ® Centralized Management provides a unified point of control for your entire F5 portfolio, ensuring your finger remains on the pulse of devices, modules, and licenses—helping you deliver optimal application availability, performance, and security. It provides a single pane of glass to manage and deploy F5 devices, including key BIG-IP modules like BIG-IP Local Traffic Manager (LTM), BIG-IP Application Security Manager (ASM), BIG-IP Advanced Firewall Manager (AFM), BIG-IP Access Policy Manager (APM), and BIG-IP DNS as well as other F5 solutions including SSL Orchestrator, Secure Web Gateway, DDoS Hybrid Defender, WebSafe, and MobileSafe.

Use BIG-IQ Centralized Management to:

- · Automatically back-up images and configurations.
- Monitor dashboards, reporting, and alerting.
- Provide role-based access control (RBAC).
- · Obtain detailed analytics on a per-app basis.
- Manage BIG-IP VE licenses.
- Ensure consistent security and traffic management policies across your infrastructure.
- · Create, provision, and deploy new BIG-IP VE devices and app services.
- · Align to modern development practices and CI/CD workflows through Automation Toolchain.
- Assign and manage machine identities and certificates via Venafi integrations.

BIG-IQ's VE license management lets you automate large-scale virtual ADC deployments, including per-app VEs, in supported clouds with an F5 subscription or ELA licensing. With BIG-IQ Centralized Management, you can spin up and provision individual VE licenses from a single license pool on demand. When resource requirements decrease, you can spin down the VE and return it to the license pool for future use.

SPECIFICATIONS

Available in a range of performance options, F5 virtual editions can be sized and configured to suit the application services required. Maximum performance is based on applicable VE licensed performance ranges and resources (number of CPU cores/memory) allocated.

Minimum resource requirements: 1vCPU, 2 GB RAM, and 10 GB disk.

THROUGHPUT LICENSED VE

Figure 6: BIG-IP performance with Dell PowerEdge R620 with Intel Xeon CPU E5-2670 0 @ 2.6GHz and Intel 82599EB 10-Gigabit SFP+ NIC—configured for PCI pass-through with support for SR-IOV.

PERFORMANCE	STARTING	MAXIMUM*		
L7 requests per second	3,000	450,000		
L4 connections per second	2,000	135,000		
L4 throughput	25 Mbps	10 Gbps**		
Maximum L4 concurrent connections	1 million	10 million		
SSL	STARTING	MAXIMUM*		
SSL RSA TPS (2K keys)	900	3,800		
SSL throughput (RSA)	23 Mbps	4 Gbps		
SSL ECC TPS	1,200	20,000***		
SSL throughput (ECC)	23 Mbps	5.4 Gbps		
SOFTWARE COMPRESSION	STARTING	MAXIMUM*		
Compression throughput	20 Mbps	4 Gbps		
DNS	STARTING	MAXIMUM*		
Query response per second	1,000	250,000		
BIG-IP APM/SWG	STARTING	MAXIMUM*		
BIG-IP APM access sessions	5,000	20,000		
BIG-IP APM concurrent users	500	5,000		
Secure web gateway sessions	500	10,000		

^{*} Maximum performance specs are based on ideal lab testing conditions with maximum supported vCPUs and may vary due to customer or cloud provider environmental conditions, type of hypervisor used, and capacity of host server hardware. Please refer to SOL14810 on askf5.com for specific license and performance details that may impact your performance.

 $^{^{\}ast\ast}$ 10 Gbps throughput requires use of NICs that support SR-IOV.

 $^{^{***} \, \}mathsf{Based} \, \, \mathsf{on} \, \, \mathsf{ECDHE_ECDSA_AES256_GCM_SHA384} \, \mathsf{cipher} \, \mathsf{string}, \mathsf{running} \, \mathsf{BIG-IP} \, \mathsf{TMOS} \, \mathsf{v12.1}.$

HIGH PERFORMANCE VE

Figure 7: BIG-IP LTM VE performance on SuperMicro 2U server with dual Intel® Xeon® Scalable Processors @ 28cores (2.7GHz) and Intel XL710 40G NIC—configured for SR-IOV using VMware ESXi 6.5 hypervisor. High performance VE licensed for 24 vCPUs, running BIG-IP TMOS v15.x and later required.

PERFORMANCE	MAXIMUM*
L7 requests per second	4.6 million
L4 connections per second	1.4 million
L4 throughput	85 Gbps**
SSL	MAXIMUM*
COL DOA TRO (OV.)	
SSL RSA TPS (2K keys)	30,000
SSL RSA TPS (2K keys) SSL throughput (RSA)	30,000 32 Gbps
	,

Figure 8: BIG-IP LTM VE performance on Neon City Platform with 2x Intel Xeon® Gold E5-6230N Processor, Intel® QuickAssist Adapter 8970 with 3x QAT Physical Functions (End-Point) and Intel XL710 40G NIC – configured for SR-IOV using KVM CentOS 7.5. High Performance VE licenses for 16vCPUs (for ECC) and 20vCPUs (for RSA), running BIG-IP TMOS v14.1.0.3 and later.

SSL WITH INTEL QAT	MAXIMUM*
SSL RSA TPS (2K keys)	95K
SSL throughput (RSA)	60 Gbps
SSL ECC TPS	59K
SSL Throughput (ECC)	46 Gbps
BIG-IP DNS—Query responses per second	1.8 million
BIG-IP APM—Access Sessions	40,000
BIG-IP APM concurrent users	10,000

SUPPORTED HYPERVISORS AND LINUX DISTRIBUTIONS

F5 offers the most flexible deployment options in the industry, with support across all major virtualization platforms.

Figure 9: F5 BIG-IP VE support for the leading hypervisors. (For the full list of supported versions, please go to the VE Supported Hypervisors Matrix on ask. f5.com.)

	LAB	25 MBPS	200 MBPS	1 GBPS	3 GBPS	5 GBPS	10 GBPS
VMware vSphere	•	•	•	•	•	•	•
KVM and Community Xen	•	•	•	•	•	•	•
Microsoft Hyper-V	•	•	•	•	•		

^{*} Maximum performance specs are based on ideal lab testing conditions, optimized host and guest settings, maximum supported vCPUs, SR-IOV capable NICs, and may vary due to customer or cloud provider environmental conditions, type of hypervisor used, and capacity of host server hardware and NICs. Please refer to SOL14810 on askf5.com for specific license and performance details that may impact your performance.

 $^{^{**}\,85\,}Gbps\,throughput\,achieved\,using\,Mellanox\,CX-5\,100G\,NIC\,configured\,for\,SR-IOV\,using\,KVM\,CentOS\,7.5.$

Figure 10: High-performance, VEsupported hypervisors. Note: The high performance paravirtualized driver is used as the default driver for throughput licensed and high performance VE.

	HIGH-PERF. SR-IOV	HIGH-PERF. PARAVIRTUALIZED DRIVER
KVM	•	• (Virtio)
VMware vSphere	•	• (Vmxnet3)

SUPPORTED PUBLIC CLOUD IAAS PROVIDERS

F5 offers support for leading public cloud providers including Amazon Web Services, Microsoft Azure, Google Cloud Platform, and IBM Cloud.

Figure 11: F5 BIG-IP VE support for the
leading public cloud laaS providers.
For details and a list of validated cloud
providers, visit F5 Ready.

	LAB	25 MBPS	200 MBPS	1 GBPS	3 GBPS	5 GBPS	10 GBPS*	HPVE*
Amazon Web Services** and GovCloud	•	•	•	•	•†	•	•	(20G)***
Amazon IC Marketplace		•	•	•				
Microsoft Azure and Government	•	•	•	•	•†	•	(10G)****	(10G)****
Google Cloud Platform	•	•	•	•		•	•	•
VMware on IBM Cloud**		•	•	•		•		
Alibaba Cloud International		•	•	•		•	•	
Oracle Cloud Infrastructure [†]		•	•	•		•	•	

^{* 10}Gbps & HPVE throughput limit applies to non-Internet facing IP traffic only—due to cloud platform ingress throughput limitations.

Please refer to this support matrix on askf5.com to learn more about support for BIG-IP VE in the cloud. You can also leverage the BIG-IP Image Generator Tool to create custom VE images for specific TMOS releases or hot-fixes that may not be available in cloud marketplaces.

^{**} Includes VMware on AWS.

 $^{^{***} \} A chievable \ using \ AWS \ ENA \ NIC \ with \ Gen5 \ EC2 \ instances \ (multi-NIC \ interfaces \ and \ v14.1.x \ and \ higher)$

^{****} Achievable using Azure Accelerated Networking (multi-NIC interfaces and v15.0 and higher)

[†]BYOL only

^{**} Utility (PAYG) billing only

F5 BIG-IP VIRTUAL EDITIONS: SIMPLIFIED LICENSING AND CHOICES

F5 virtual editions are available for all BIG-IP modules and can be purchased based on throughput tier from the 10M non-production lab license to the 25 Mbps, 200 Mbps, 1 Gbps, 3 Gbps, 5 Gbps, and 10 Gbps production licenses. As performance requirements increase, F5 offers pay-as-you-grow upgrade licenses. In addition, F5 offers High-Performance VE licenses with no throughput limits and allows you to increase the number of vCPUs to increase performance—up to a maximum of 24 vCPUs.

BIG-IP Virtual Editions are available in a range of licensing models to suit your individual business and budget and budgeting requirements, including:

- Perpetual (Bring-your-own-license)—One-time CapEx purchase, supporting 3 major software releases.
- Subscription—1- to a 3-year subscription with unlimited version upgrades and premium support included
- Utility (Pay-as-you-go)—Hourly or monthly billing for maximum flexibility and no long-term commitment
- Hybrid-Enterprise Licensing Agreement—3-year subscription with maximum architectural flexibility across hybrid environments, annual budget protection and premium support included.

The Good, Better, Best bundle offerings from F5 provide you with the best value through flexibility to provision additional advanced application traffic management and security modules as needed.

BIG-IP CLOUD EDITION

In the age of CI/CD, increased automation, and DevOps methodologies, flexibility, agility, and speed-to-market are the names of the game. Achieving these goals can be difficult, however, especially when different teams are aligned to different priorities.

For teams with app delivery and security concerns, F5 BIG-IP Cloud Edition is a great option. It was designed to enable app teams with self-serve app services in public and private cloud environments. BIG-IP Cloud Edition delivers dedicated, right-sized, and secure F5 application services with per-app manageability and analytics at every stage of the application lifecycle—from initial development to production deployment.

Using BIG-IP Per-App Virtual Editions (VEs) in tandem with BIG-IQ Centralized Management provides app owners, SecOps, and NetOps teams with industry-leading F5 services including traffic management, advanced WAF, role-based control, health monitoring, actionable analytics, and autoscaling. These services are dedicated to individual apps, which means more agility, lower TCO, shorter maintenance windows, and reduced ticket times. It's the first solution that aligns the priorities of app owners, NetOps, and SecOps.

And it does it through the same scalable, secure, and customizable services provided by traditional F5 VEs—at a price and with a license model (limited to one Virtual IP and three Virtual Servers) appropriate for supporting individual applications—a more flexible and agile way to ensure your apps are always available and performing optimally.

GET STARTED TODAY

See for yourself how BIG-IP Virtual Editions can provide an agile, flexible, and efficient way to deploy and optimize application services.

Download the free BIG-IP VE trial

Start testing how you can make your application fast, secure, and available with a full-featured BIG-IP VE—including BIG-IQ Centralized Management—in the environment of your choice.

Download a 30-day trial of a BIG-IP VE now. Please review the "Getting Started" documentation.

Get a full evaluation license

Request a free evaluation license to gain access to the latest versions of F5 virtual editions.

Buy BIG-IP for your development lab

Build, test, configure, and stage BIG-IP modules in your development lab.

Try BIG-IP VEs in the public cloud

Try BIG-IP VEs through public cloud providers with free trials and pay-as-you-go hourly billing. See how to get started in AWS, Azure, and GCP by watching the videos.

F5 GLOBAL SERVICES

Demands on you and your teams are high. You have to balance implementing business solutions rapidly while maintaining a very high level of solution availability. Accordingly, F5 Global Services and its partners offer world-class consulting, support, and training to help you get the most from your F5 investment. Whether it's providing fast answers to questions, training internal teams, or handling entire implementations from design to deployment, F5 Global Services and its partners can help ensure that your applications scale and are always secure, fast, and available. For more information about F5 Global Services, contact consulting@f5.com or visit f5.com/support.

DEVCENTRAL

The F5 DevCentral[™] user community of more than 200,000 members is your source for additional technical documentation, discussion forums, blogs, media, and more related to BIG-IP virtual editions, application services in virtualized data centers, and cloud deployments.

MORE INFORMATION

To learn more about the BIG-IP family of products, visit f5.com to find these and other resources:

Datasheets	Web pages
BIG-IP Local Traffic Manager	Virtual Editions
BIG-IP DNS	Cloud Computing
BIG-IP Advanced Firewall Manager	Cloud Solution Templates
BIG-IP Application Security Manager	F5 on AWS
BIG-IP Access Policy Manager	F5 on Azure
BIG-IP Carrier-Grade NAT	F5 on GCP
BIG-IP Policy Enforcement Manager	F5 on IBM Cloud
BIG-IQ Centralized Management	F5 on Alibaba
Container Ingress Services	F5 on VMware
	F5 on OpenStack
	F5 Automation Toolchain

Case studies

American Systems Launches Secure EMNS for Service Members with F5 and Microsoft Azure Maximus Streamlines Operations with F5 in AWS
Ricacorp Properties Strengthens Website Security with F5 on Microsoft Azure

White papers

Migrating Tier 1 Application Workloads to AWS with F5
How to Add F5 Application Delivery Services to OpenStack
The BIG-IP Platform and Microsoft Azure: Application Services in the Cloud

Overview

VE FIPS Solution Overview

